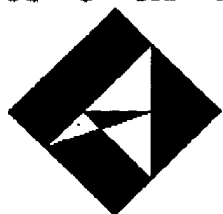


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facsimile transmittance

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To: Examiner John F. Niebling Fax: 703-872-9306  
From: Margaret Chappuis Date: March 15, 2004  
E-mail: wryann@atmi.com Pages: 9 pages (including cover sheet)  
Re: U.S. Serial No. 10/623,244 cc:  
ATMI-567-DIV

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It hereby is certified by the person identified below that this paper is being facsimile transmitted by such person to the Commissioner of Patents and Trademarks on the date specified, to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and Transmitted by Facsimile under the provisions of 37 CFR 1.6(d).

  
Lee Ann DiLelloMarch 15, 2004  
Date of Transmission703-872-9306  
Facsimile Number

## OFFICIAL COMMUNICATION

Submission of Response to Non-Compliant Amendment (37 CFR 1.121) and Re-  
Submission of Preliminary Amendment

Please find the following documents enclosed:

Transmittal Form (1 pg)  
Response to Non-Compliant Amendment (37 CFR 1.121) (2 pgs)  
Preliminary Amendment (5 pgs)  
Facsimile Transmission Sheet (1 pg)

Please call 203-794-1100 ext. 4179 if there are any problems with this transmittal.

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/623,244
	Filing Date	July 18, 2003
	First Named Inventor	Jose Arno
	Group Art Unit	2812
	Examiner Name	John F. Niebling
Total Number of Pages in This Submission	Attorney Docket Number	ATMI-567-DIV

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice to Non-Compliant Amendment (2 pgs) Preliminary Amendment (5 pgs)
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Margaret Chappuis, Reg. No. 45,735
Signature	<i>Margaret Chappuis</i>
Date	March 15, 2004

## CERTIFICATE OF FACSIMILE TRANSMISSION (703) 872-9306

I hereby certify that this correspondence is being facsimile transmitted pursuant to 37 C.F.R. 1.6(d) addressed to:  
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 3/15/2004

Type or printed name Lee Ann DiLello

Signature

Date

3/15/2004

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ATMI-567-DIV

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Jose I. Arno

Title : Infrared Thermopile Detector System For Semiconductor Process  
Monitoring and Control

U.S. Serial No.: 10/623,244

Filing Date: July 18, 2003

Group Art Unit: 2812

Examiner: TBA

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Lee Ann DiLello

Name of Person Mailing/Faxing Document



Signature

March 15, 2004

Date

**RESPONSE TO NON-COMPLIANT AMENDMENT (37 CFR 1.121)**

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P.O. Box 1450  
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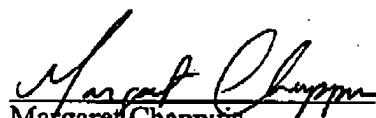
In response to the Notice of Non-Compliant Amendment dated February 19, 2004, Applicants have revised the attached Preliminary Amendment in compliance with 37 CFR 1.121. Please replace the Preliminary Amendment filed on December 9, 2003 with the attached revised Preliminary Amendment.

ATMI-567-DIV

Applicant does not believe that any fee is due in connection with the foregoing.

However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

  
Margaret Chappuis  
Registration No. 45,735

Advanced Technology Materials, Inc.  
7 Commerce Dr.  
Danbury, Ct. 06810  
203 794-1100, Ext. 4184  
203 797-2544 Fax  
Attorney Ref: ATMI-567-DIV.